APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/439,130	11/12/1999	AKIRA SAKAGUCHI	JA9-98-217	1265

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EXAMINER
BURGESS, BARBARA N

ART UNIT	PAPER NUMBER
2157	

DATE MAILED: 07/31/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 07-01)

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☐ Responsive to communication(s) filed on _12 November 1999_ .

2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) _1-11_ is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) _1-11_ is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☒ The specification is objected to by the Examiner.

10) ☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11) ☐ The proposed drawing correction filed on _____ is: a)☐ approved b)☐ disapproved by the Examiner.

    If approved, corrected drawings are required in reply to this Office action.

12) ☒ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☒ All b)☐ Some * c)☐ None of:

      1. ☒ Certified copies of the priority documents have been received.

      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

      3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

    a) ☐ The translation of the foreign language provisional application has been received.

15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ .

4) ☐ Interview Summary (PTO-413) Paper No(s). _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: .

DETAILED ACTION

Drawings

1.   The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they include the following reference sign(s) not mentioned in the description: 14, 17, 31 (Figure 2); 541 (Figure 6); 604 (Figure 7); 711, 713, 715, 717, 719, 721, 731, 700 (Figures 8 and 9); 711, 713, 715, 717, 719, 721, 700, 741, 743, 745 (Figure 10); 1321, 1302, 1350, 1303, 1304, 1305, 1365B, 1365A, 1320, 123, 113, 1310 (Figure 11). A proposed drawing correction, corrected drawings, or amendment to the specification to add the reference sign(s) in the description, are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

2.   The drawings are objected to as failing to comply with 37 CFR 1.84(p)(4) because reference characters 1350 and 200 have both been used to designate the web page in Figure 11. A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

3.   The drawings are objected to as failing to comply with 37 CFR 1.84(p)(4) because reference characters 11 (Figure 2) and 12 (page 12, line 6) have both been used to designate the "Display Device". A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

Specification

4.   The disclosure is objected to because of the following informalities: "@" on page 8, line 23 bears no significance to the disclosure.

Appropriate correction is required.

The use of the trademark NETSCAPE NAVIGATOR and INTERNET EXPLORER has been noted in this application. It should be capitalized wherever it appears and be accompanied by the generic terminology.

Although the use of trademarks is permissible in patent applications, the proprietary nature of the marks should be respected and every effort made to prevent their use in any manner which might adversely affect their validity as trademarks.

5.   The abstract of the disclosure is objected to because the first line, "to allow various kinds of information existing on a client terminal to be referred to on a Web browser on another collaborating client terminal" is not a complete sentence. Correction is required. See MPEP § 608.01(b).

Oath/Declaration

6.   The oath or declaration is defective. A new oath or declaration in compliance with 37 CFR 1.67(a) identifying this application by application number and filing date is required. See MPEP §§ 602.01 and 602.02.

The oath or declaration is defective because: there is no signature from the applicant.

Claim Objections

7.   Claim 10 objected to because of the following informalities: "@" in line 11 bears no significance to the claim. Appropriate correction is required.

Claim Rejections - 35 USC § 102

8.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in a patent granted on an application for patent by another filed in the United
> States before the invention thereof by the applicant for patent, or on an international application by another who
> has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention
> thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999

(AIPA) do not apply to the examination of this application as the application being examined

was not (1) filed on or after November 29, 2000, or (2) voluntarily published under 35 U.S.C.

122(b). Therefore, this application is examined under 35 U.S.C. 102(e) prior to the amendment

by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

9.   Claims 2-5, 6, 9-10 are rejected under 35 U.S.C. 102(e) as being anticipated by Hunt et

al. (hereinafter "Hunt", 5,764,235).

As per claims 2 and 3, Hunt discloses:

• Generating an image file in response to specifying image data by an operator of said client

    terminal (column 2, lines 34-40, column 3, lines 3-4, 6-10, 18-20, 47-52, column 5, lines 1-5,

    column 9, lines 40-42, column 11, lines 5-9, 31-33, 35-37, 40-42, column 12, lines 20-23, 49-

    51);

• Converting said image file to generate a predetermined formed compressed image data which

    has a file name relating to said unique image file name (column 1, lines 48-51, column 8,

    lines 50-52, column 9, lines 6-15);

- Displaying said predetermined formed compressed image data of said server on a Web browser on said client terminal (column 3, lines 10-12, 49-52, column 5, lines 43-55, column 10, lines 44-49, column 11, lines 11-13, column 12, lines 20-23).

Whenever a server stores, retrieves, or sends a file to a client terminal as a result of a request, the server gives a unique file name to the file in order to distinguish the requested file from other files that are stored on, retrieved, or sent from the server and allowing a record of the transmission to be stored in the server's log or database (column 2, lines 34-43, 47-48, 50-52, column 4, line 66, column 5, lines 1-6, 23-29, column 8, lines 41-44, column 11, lines 5-9). Therefore, determining a unique image file name from the server is inherent in Hunt's disclosure.

Hunt further discloses an image processing that image files undergo at the server to customize the images before being sent to the client. This process modifies the image file using compression (column 5, lines 18-33, column 8, lines 31-52). Therefore, Hunt implicitly discloses sending said predetermined formed compressed image data to said server.

As per claim 4, Hunt discloses a method of communicating on a communication system comprising:

- A client terminal connecting with a network and a server connecting with said network (column 4, lines 63-66, column 5, lines 34-39);

- Storing a file created by an operator of said client terminal which has a name capable of determining that it was created by said operator (column 4, line 66, column 5, lines 1-2, 23-29, column 8, lines 41-44, column 11, lines 5-9);

- Receiving a message sent from the client terminal including information capable of

  identifying said operator (column 2, lines 34-40, column 3, lines 2-4, 18-19, column 5, lines

  26-28, column 11, lines 7-9);

- Acquiring the information capable of identifying said operator included in said message

  (column 2, lines 37-39, column 3, lines 15-16, column 5, lines 23-29, column 11, lines 7-9);

- Generating a file list file by inserting said file name into a skeleton file (column 10, lines 29-

  54);

Whenever a server stores, retrieves, or sends a file to a client terminal as a result of a request,

the server gives a unique file name to the file in order to distinguish the requested file from other

files that are stored on, retrieved, or sent from the server and allowing a record of the

transmission to be stored in the server's log or database (column 2, lines 34-43, 47-48, 50-52,

column 4, line 66, column 5, lines 1-6, 23-29, column 8, lines 41-44, column 11, lines 5-9).

Therefore, the use of acquiring a file name of the file created by operator on said information

capable of identifying said operator is inherent in Hunt's disclosure.

Hunt further discloses, sending the image file to the client terminal to be displayed with the

web page (column 10, lines 37-49). Whenever a file is sent to a client terminal, the file name,

which is acquired from the server, is sent with the file. Therefore, posting the file name of said

image data to the client terminal is inherent in Hunt's disclosure.

As per claim 5, Hunt discloses a method of communicating on a communication system

having a client terminal connecting a server through a network, said client terminal comprising

means for determining the amount of image data that is needed according to the display size

(column 3, lines 47-54, column 11, lines 7-9, 40-42, column 12, lines 46-50). Therefore, Hunt

implicitly discloses a screen range selector for specifying a screen range in response to operation

for specifying screen range by an operator.

Hunt further discloses generating an image file in response to specifying an image area by an

operator of said client terminal (column 2, lines 34-40, column 3, lines 3-4, 6-10, 18-20, 47-52,

column 5, lines 1-5, column 9, lines 40-42, column 11, lines 5-9, 31-33, 35-37, 40-42, column 12,

lines 20-23, 49-51). Therefore, Hunt implicitly discloses an image file generator for acquiring an

image according to said screen range and generating an image file.

Whenever a server stores, retrieves, or sends a file to a client terminal as a result of a

request, the server gives a unique file name to the file in order to distinguish the requested file

from other files that are stored on, retrieved, or sent from the server allowing a record of the

transmission to be stored in the server's log or database (column 2, lines 34-43, 47-48, 50-52,

column 4, line 66, column 5, lines 1-6, 23-29, column 8, lines 41-44, column 11, lines 5-9).

Therefore, a file name acquisition division for acquiring an original name from said server is

implicitly taught in Hunt's disclosure.

Hunt further discloses means to convert an image file to generate a predetermined formed

compressed image data (column 1, lines 48-51, column 8, lines 50-52, column 9, lines 6-15).

Therefore, Turpin implicitly discloses an image file converter.

Hunt further discloses image processing that image files undergo at the server to customize

the images before being sent to the client. This process modifies the image file using

compression (column 5, lines 18-33, column 8, lines 31-52). Therefore, Hunt implicitly

discloses a file transmitter for sending said predetermined formed compressed image data to said

server which has a file name relating to said original name.

Hunt also discloses displaying the image data on the Web browser of the client terminal (column 5, lines 49-54, column 10, lines 47-49). Therefore, Hunt implicitly discloses a display division for displaying said predetermined formed compressed image data of said server on a Web browser on said client terminal.

As per claim 6, Hunt discloses receiving a message sent from the client terminal including information capable of identifying said operator (column 2, lines 34-40, column 3, lines 2-4, 18-19, column 5, lines 26-28, column 11, lines 7-9). Therefore, Hunt implicitly discloses a message analysis division for receiving a message sent from said client terminal including information capable of identifying said operator and acquiring said information.

Hunt further discloses generating a file list file by inserting said file name into a skeleton file (column 10, lines 29-54). Therefore, Hunt implicitly discloses a file list generator for acquiring the file name of the file created by said operator based on said information, generating a file list by inserting said file name into a skeleton file and posting the file name of said file list file to said client terminal.

As per claims 9 and 10, Hunt discloses a computer readable media containing program instructions for directing said client terminal to generate an image file in response to specifying image data by an operator of said client terminal, directing said client terminal to unique image file name from the server, directing said client terminal to convert said image file to generate a predetermined formed compressed image data which has a file name relating to said unique image file name, directing said client terminal to send said predetermined formed compressed image data to said server, and directing said client terminal to display said predetermined formed compressed image data of said server on a Web browser on said client terminal (column 3, lines

30-41, column 15, lines 33-67, column 16, lines 1-3, 13-15, 20-24). Therefore, Hunt implicitly

discloses a storage medium storing a software product for controlling communication performed

on a communication system said software product comprising the program codes for directing

said client terminal to generate an image file in response to specifying image data by an operator

of said client terminal, directing said client terminal to unique image file name from the server,

directing said client terminal to convert said image file to generate a predetermined formed

compressed image data which has a file name relating to said unique image file name, directing

said client terminal to send said predetermined formed compressed image data to said server, and

directing said client terminal to display said predetermined formed compressed image data of

said server on a Web browser on said client terminal.

As per claim 11, Hunt discloses a computer readable media containing program instructions

for receiving a message sent from the client terminal including information capable of

identifying said operator, acquiring the information capable of identifying said operator included

in said message, generating a file list file by inserting said file name into a skeleton file,

acquiring a file name of the file created by operator on said information capable of identifying

said operator, posting the file name of said image data to the client terminal (column 3, lines 30-

41, column 15, lines 33-67, column 16, lines 1-3, 13-15, 20-24). Therefore, Hunt implicitly

discloses a storage medium storing a software product for controlling communication performed

on a communication system having a client terminal connecting with a network and a server

connecting with said network and storing a file created by an operator of said client terminal

which has a file name capable of determining that it was created by said operator, said software

product comprising the program codes for directing said server to receive a message sent from

the client terminal including information capable of identifying said operator, directing said

server to acquire the information capable of identifying said operator included in said message,

directing said server to acquire a file name of the file created by operator on said information

capable of identifying said operator, directing said server to generate a file list file by inserting

said file name into a skeleton file, directing said server to post the file name of said image data to

the client terminal.

Claim Rejections - 35 USC § 103

10.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in
> section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are
> such that the subject matter as a whole would have been obvious at the time the invention was made to a person
> having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the
> manner in which the invention was made.

11.   Claims 1 and 7-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hunt et

al. (hereinafter "Hunt", 5,764,235) in view of Turpin et al. (hereinafter "Turpin", 6,144,992)).

As per claim 1, Hunt discloses a method of communication on a communication system

having a client terminal connecting to a server through a network and implicitly collaborating

with other client terminals connected to said network, said method comprising the steps of:

- Generating an image file in response to specifying an image area by an operator of said client

  terminal (column 2, lines 34-40, column 3, lines 3-4, 6-10, 18-20, 47-52, column 5, lines 1-5,

  column 9, lines 40-42, column 11, lines 5-9, 31-33, 35-37, 40-42, column 12, lines 20-23, 49-

  51);

- Converting said image file to generate a predetermined formed compressed data which has a file name relating to said image file name (column 1, lines 48-51, column 8, lines 50-52, column 9, lines 6-15);

- Displaying said predetermined formed compressed data of said server on a Web browser on said client terminal (column 3, lines 10-12, 49-52, column 5, lines 43-55, column 10, lines 44-49, column 11, lines 11-13, column 12, lines 20-23).

Hunt further discloses receiving a file name from the server. Whenever a server stores, retrieves, or sends a file to a client terminal as a result of a request, the server gives a unique file name to the file in order to distinguish the requested file from other files that are stored on, retrieved, or sent from the server allowing a record of the transmission to be stored in the server's log or database (column 2, lines 34-43, 47-48, 50-52, column 4, line 66, column 5, lines 1-6, 23-29, column 8, lines 41-44, column 11, lines 5-9). Therefore, Hunt teaches acquiring an image file name from the server.

Hunt also discloses an image processing that image files undergo at the server to customize the images before being sent to the client. This process modifies the image file using compression (column 5, lines 18-33, column 8, lines 31-52). Therefore, Hunt implicitly discloses sending said predetermined formed compressed image data to said server.

Hunt fails to explicitly disclose:

- Posting the file name of said predetermined formed compressed image data to the client terminals collaborating with said client terminal.

However, the use and advantages for implementing this step is well known to one skilled in the relevant art at the time the invention was made as evidenced by the teachings of Turpin.

Turpin discloses sending image data (file) to client terminals collaborating with said

client terminal (column 1, lines 10-13, 17-18, 26-27, 30-33, column 4, lines 24-28, column 7,

lines 9-16). Whenever a file is sent to a client terminal, the file name, which is acquired from the

server, is sent with the file. Therefore, posting the file name of said image data to the client

terminals collaborating with said client terminal is taught in Turnip's disclosure.

Therefore, one of ordinary skill in the art at the time the invention was made would have

found it obvious to implement or incorporate sending image data (file) to client terminals

collaborating with said client terminal in Hunt's method in order for graphical images to be

transmitted more flexibly and efficiently by reducing transmission time, conserving network

bandwidth, and reducing the loads placed on server machines.

As per claim 7, Hunt fails to explicitly disclose a second client terminal for displaying

said predetermined formed compressed image data of said server on a Web browser on said

second client terminal based on the name of said predetermined formed compressed image data

sent from said first client terminal. However, the use and advantages for implementing these

features is well known to one skilled in the relevant art at the time the invention was made as

evidenced by the teachings of Turpin.

Turpin discloses a method and system for a computer to send files, downloaded from a

server, to another computer to be displayed over a network under a peer-to-peer model (column

5, lines 7-14). Therefore, Turpin discloses the second client terminal for displaying said

predetermined formed compressed image data of said server on a Web browser on said second

client terminal based on the name of said predetermined formed compressed image data sent

from said first client terminal.

Therefore, a person of ordinary skill in the art at the time the invention was made would have found it obvious to implement or incorporate this feature in Hunt's method client terminal in order for graphical images to be flexibly and efficiently transmitted and displayed.

As per claim 8, Hunt fails to explicitly disclose a storage medium storing a software product, said software product comprising the computer program code for:

- Directing said client terminal to post file name of said predetermined formed compressed image data to the client terminals collaborating with said client terminal.

However, the use and advantages for implementing a software product program code to do these steps is well known to one skilled in the relevant art at the time the invention was made as evidenced by the teachings of Turpin (column 1, lines 10-13, 17-18, 26-27, 30-33, column 4, lines 24-28, column 7, lines 9-16).

Therefore, a person of ordinary skill in the art at the time the invention was made would have found it obvious to implement or incorporate a software product program code to direct said client terminal to post file name of said predetermined formed compressed image data to the client terminals collaborating with said client terminal in Hunt's method in order for graphical images to be transmitted and displayed more flexibly and efficiently by reducing transmission time, conserving network bandwidth, and reducing the loads placed on server machines.

Conclusion

12.   The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

U.S. Patent No. 5,699,528

U.S. Patent No. 5,809,242

U.S. Patent No. 6,073,241

U.S. Patent No. 5,892,908

U.S. Patent No. 5,911,776

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Barbara N Burgess whose telephone number is (703) 305-3366.

The examiner can normally be reached on M-F (8:00am-4:00pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Glenton B Burgess can be reached on (703) 305-4792. The fax phone numbers for

the organization where this application or proceeding is assigned are (703) 746-7239 for regular

communications and (703) 746-7240 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding

should be directed to the receptionist whose telephone number is (703) 305-3900.

<div style="text-align:center">

Barbara N Burgess
Examiner
Art Unit 2153

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July 26, 2002

ARIO ETIENNE
PRIMARY EXAMINER